Stills
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[8M-H] mode, F3.5, 1/36 sec.

High performance 6.37M CCD

The Xacti CG65 combines an exceptionally expressive 6.37 megapixel primary-color CCD with an image processing LSI to reduce dark noise and render skin tones more beautifully. You'll love this camera's vibrant, high-resolution photographs whether they're output as large or small prints.

Movies
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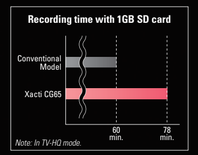
MPEG-4 AVC/H.264 compression for sharper quality and longer recording times

The Xacti CG65 adopts the MPEG-4 AVC/H.264 (Advanced Video Coding) format for high-compression recording. The resulting files are small in size, making them easier to handle and giving the user the ability to record more minutes of high-quality video*. Compared to DVD (MPEG-2), files are about half the size yet picture quality is the same or better. Users can have fun viewing sharp, high-quality video on big-screen TVs, too. Audio recording uses the AAC-LC (MPEG-4 Audio) file format, which delivers higher compression than MP3 and other earlier formats for smaller files. Digitally produced high quality stereo audio is obtained by 2-channel 16-bit recording at a sampling rate of 48 kHz. Also, the CG65 is SDHC-compatible, which means that you can record movies for up to 5 hours 13 minutes* on a 4GB SDHC memory card.

** In TV-HQ mode.*



Other Features

- Thin, Compact Lithium-Ion Battery Gives 70 Minutes of Sequential Video Clip Recording
- Front-Side Headphone Jack for Commercially Available Headphones (Not Included)
- Talking Navigation Guide
- Zoom-and-Crop Recording (Max. 58x Zoom in [10M] Mode)
- Autofocus Captures Nearby or Faraway Targets (Min.: 10 cm, Max.: Infinity) Without the Need to Change to Macro Mode
- Self Timer (2 seconds/10 seconds)
- 9 Point AF or Spot AF for Still Images
- Voice Recorder Function
- Multi-Language (German, English, Spanish, French, Italian, Dutch, Russian, Japanese, Korean, Traditional or Simplified Chinese, Portuguese, Turkish)
- 18MB Internal Memory

Accessories

- CD-ROM (SANYO Software Pack 9.1)
- USB Cable
- AV Cable
- Battery Charger
- Li-ion Battery Pack
- Lens Cap
- Soft Case
- Neck Strap

Options

Li-ion Battery
DB-L20:
3.7 V, 720 mAh

Battery Charger
VAR-L20:
4.2 V, 100 – 240 V

Specifications

Effective pixel count		Approx. 6.0 megapixels
CCD		1/2.5 inch, 6.37 megapixels (Total)
Recording media		SD Memory Card, SDHC Memory Card (Up to 8GB*1)
Recording file format		Still: JPEG (DCF*2, DPOF*3, Exif Ver. 2.2*4 standard) Video Clip: MPEG-4 AVC/H.264 (ISO standard); Audio: 48 kHz, 16 bit, 2 ch, AAC-compression (Stereo)
Resolution (pixel)	**Still**	[10M]: 3680 x 2760; [6M-H]: 2816 x 2112 (Low-Compression); [6M-S]: 2816 x 2112 (Standard-compression), [16:9]: 2816 x 1584; [3M]: 1536 x 2048 (Vertical); [2M]: 1600 x 1200; [0.3M]: 640 x 480
	Video clip	[TV-SHQ]: 640 x 480 (30 fps, 3 Mbps); [TV-HQ]: 640 x 480 (30 fps, 1.5 Mbps) [Web-SHQ]: 320 x 240 (30 fps); [Web-HQ]: 320 x 240 (15 fps)
Lens		f = 6.3 - 31.7 mm (Equivalent to 38 - 190 mm on a 35 mm camera), Optical 5.0x inner zoom lens, F: 3.5 (Wide) - 4.7 (Tele), AF: 9 groups, 12 lenses, built-in ND filter
Photo range		Standard: 10 cm (Wide)/80 cm (Tele) to infinity; Super Macro: 1 cm - 80 cm (Wide)
Shutter speed		Still: 1/2 - 1/2000 sec. (Flash: 1/30 - 1/2000 sec., Lamp mode: Max. 4 sec.) Video Clip: 1/30 - 1/10000 sec.
Digital zoom		Shooting: Max. 12x ; Playback: Max. 58x ([10M] mode, depending on the resolution)
Focus		Auto (Still: 9-point AF/Spot AF; Video Clip: Continuous area AF), Manual (16 steps)
Scene select		Auto/Sports/Portrait/Landscape/Night Portrait/Snow & Beach/Fireworks/Lamp*5
Filter function		Standard/Cosmetic/Monochrome/Sepia
Photometry		Multi/Center-weighted/Spot
Sensitivity		Still: Auto (ISO 50-400), Manual (ISO 50/100/200/400/800/1600)
Minimum illumination for movie		7 lux (Auto, 1/30 sec.), 2 lux (Lamp mode, 1/15 sec.)
Exposure correction		±1.8 EV (In 0.3 EV steps)
Self timer		2 sec./10 sec.
White balance		Auto: Full auto TTL; Manual: Sunny/Cloudy/Fluorescent/Incandescent/Sampling
Flash		Auto/Forced/Off
Flash range		GN = 3 (10 cm - 1.7 m [Wide], 80 cm - 1.3 m [Tele])
Audio		Microphone: Built-in stereo, Speaker: Built-in monaural (L/R mixed output)
Monitor		2.5-inch amorphous silicon color TFT LCD, 110,000 pixels (Coverage 100%, 7-level brightness)
Interface		AV output (Video clip: Composite Video, NTSC/PAL; Audio: Stereo), USB 2.0 High-speed, Headphone output (Standard 3.5 mm mini jack)
Power source		Lithium-ion Battery (DB-L20/720mA, included) (Can charge from PC via USB cable), Battery Charger (VAR-L20NI, included)
Approx. battery life*6		Still: CIPA*7 standard, 155 stills; Video clip recording: 70 min./ Continuous playback: 200 min.*8
Dimensions		67.7 (W) x 100.3 (H) x 34.5 (D) mm (Excluding protrusions), 144 cc
Weight		Approx. 150 g (Body only) or approx. 169 g (Including battery and SD card)
Operating environment		Temperature: 0 °C - 40 °C (32 °F to 104 °F); Humidity: 30 - 90 % (Non-condensing)

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**1 As of March, 2007. Maximum file size per clip is 4GB.*
**2 DCF is the abbreviation for Design rule for Camera File system, established by the Japan Engineering Information Technology Association (JEITA).*
**3 DPOF (Digital Print Order Format) is a format for recording on storage media information such as the number of frames and copies desired for printing of images taken on digital cameras.*
**4 Exif Ver 2.2 is an industry standard established for file formatting of images from digital cameras.*
**5 For still images, only available in [0.3M] mode.*
**6 Results may vary according to operating conditions.*
**7 CIPA (Camera & Image Products Association) standard.*
**8 Continuous playback in Slideshow mode.*

Photo Capacities and Recording Times

SD Memory Card	Video clips				
	TV-SHQ	TV-HQ	Web-SHQ	Web-HQ	Sound only
4GB	2 hr. 45 min.	5 hr. 13 min.	10 hr. 35 min.	15 hr. 18 min.	64 hr. 53 min.
2GB	1 hr. 22 min.	2 hr. 36 min.	5 hr. 17 min.	7 hr. 39 min.	32 hr. 25 min.
1GB	41 min. 18 sec.	1 hr. 18 min.	2 hr. 38 min.	3 hr. 49 min.	16 hr. 11 min.

SD Memory Card	Still images						
	10M	6M-H	6M-S	16 : 9	3M	2M	0.3M
4GB	1,190	1,340	2,030	2,690	3,760	5,900	31,020
2GB	596	674	1,010	1,340	1,870	2,950	15,500
1GB	297	338	507	673	953	1,510	7,740

•Available video clip recording time is shown when a re-formatted card is inserted.
•The actual frame rates for this model are 29.97 fps at 30 fps and 14.895 fps at 15 fps.
•Photo capacities and recording times are approximations only and may vary according to the type and manufacturer of the memory card, the subject, and shooting conditions.
•Maximum sequential recording times are 5 hr. 30 min. for Web-SHQ, 7 hr. for Web-HQ, and 12 hr. for sound.
•Continuous movie recording times per clip may vary depending on the resolution used and the subject as well as the type, capacity, and features of the memory card.

Further details regarding this product can be accessed at **http://www.sanyo-dsc.com/english/**

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

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SMD112

SANYO

VPC-CG65 Series

Why carry it? Wear it.

Xacti CG65
DIGITAL MOVIE CAMERA

From blogging to video-sharing, Xacti is a picture-perfect solution for Web communications.

Xacti is the best tool for Web communications

The CG65 adopts the highly efficient MPEG-4 AVC/H.264 format for movie compression, so file sizes are more manageable. This greatly expands movie reach to posting on websites and blogs, video-sharing and podcasting. Moreover, there is no need to convert the file formats of videos recorded on the CG65 for uploading to websites or playback on video-supporting iPods. Simply drag and drop your files, and you're ready to go. The CG65 makes it easy to create beautiful video and still images in a variety of settings. Experience how the fun of visual-heavy blogging is virtually unlimited as movie clips can be used for photo journals, travel logs, chronicling the growth of a pet, or documenting plants and flowers. For not only still images but also video, the CG65 will turn you into a more active and accustomed user of the internet via SNS, blogs, video-sharing sites, and more.

Capture still and video images simultaneously

While recording video clip footage, still pictures can be taken by simply pressing the shutter button. The CG65 can simultaneously record VGA-size (640 x 480) video clips and 6M stills. While recording video clips, memories of a special moment can be preserved forever without missing that golden opportunity to capture it as a still picture image.

Note: Still picture mode may pause video clip recording. Moreover, the angle of view may change when stills are taken while filming video clips with the Digital Image Stabilizer.

Super macro shooting as close as 1 cm

The CG65 incorporates a Super Macro mode that enables users to get within 1 cm of subjects when the lens is set to the wide-angle end. Magnificent close-ups can be taken to capture tiny objects in sharp detail.

[6M-H] mode, F3.5, 1/13 sec. (Super Macro)

Versatile manual mode for true photography

The CG65 features focusing on 16 levels and exposure correction of ±1.8 EV in 0.3 EV steps. Users can freely adjust picture quality (sharpness and saturation) to suit the scene.

Red-eye correction

The CG65's red-eye correction feature lets you easily correct red-eye caused by the flash, restoring the natural color of your subject's eyes.

Note: The corrective effect may differ depending on the subject and shooting conditions.

Scene selected shots

By simply selecting a photo mode, beautiful, fun pictures can be taken according to set photographic parameters.

Sports Mode
The high-speed shutter captures fast-moving subjects.

Portrait Mode
The subject stands out against a deemphasized background to enhance the portrait atmosphere.

Landscape Mode
The entire image is brought into sharp focus.

Night Portrait Mode
Subjects come out clear against a nighttime backdrop.

Fireworks Mode
Fireworks are captured in all their vivid brightness.

Lamp Mode
Pictures taken under minimal lighting such as lamps come out beautifully.

Snow & Beach Mode
Beautiful pictures can be taken in the snow and on the beach without suffering from white-out.

Note (1): The images above are authentic images shot using the Xacti CG65.
Note (2): The modes listed above can also be used while shooting video clips.

Filter functions

Snapshots are more fun to take when using one of the CG65's filter modes.

Cosmetic Mode
Skin comes out beautifully in close-ups of people.

Monochrome Mode
Pictures have the atmosphere of a black-and-white photo.

Sepia Mode
Sepia tone creates a nostalgic look.

Note (1): The images above are authentic images shot using the Xacti CG65.
Note (2): The modes listed above can also be used while shooting video clips.

Portable digital movie camera for taking sharp movies and stills

Compact, lightweight active design for one-handed picture-taking

Weighing in at just 67.7 x 100.3 x 34.5 mm (W x H x D) in size and 150 g in weight (body only), the CG65 can be easily carried anywhere and pictures can be taken on a whim anytime. This portable digital movie camera is designed to go with you everywhere all the time. It is styled to a casual form with an active flare and is well balanced to enable picture-taking with one hand. The vertical body lets users retain a natural posture in recording without stressing the wrist or shaking.

Shake correction for both movies and stills

In still picture-taking, a "blur-resistant" system accurately detects the direction and amount of camera shake via a built-in gyro sensor. It then cancels out the blurred component of the captured image to create a sharp, well-defined picture. For movie recording, the CG65 incorporates a digital image stabilizer capable of accurately discerning camera shake that can be interpreted as intended camera work and deliberate panning and tilting. It corrects unwanted shake without sacrificing the natural feel of recorded clips. High-quality 6M pictures can be taken at ISO1600. Even with shots that blur easily such as indoor or nighttime pictures and scenes where you do not want to use a flash, shake correction yields more natural-looking colors and expressions.

Note: The "blur-resistant" system does not work at shutter speeds of 1/8 and slower or with images that are heavily blurred.

Easy-to-view large 2.5-inch TFT LCD monitor

A large 2.5-inch TFT LCD monitor is built into the CG65's compact body. The large screen makes it easier to see and confirm images before and after taking the picture. The monitor itself can rotate approximately 290°, so it can be positioned to the user's preferred shooting posture whether at a high/low angle and even turned to see oneself.

High sensitivity in movie recording with an approx. 2 lux minimum subject illumination

Advanced 9-pixel mixing technology enables bright pictures of noise-free definition (Auto mode) even in under-lit scenes, for example at dusk. In the Lamp mode, users get a minimum subject illumination of approx. 2 lux, sufficient enough sensitivity to enable recording by candlelight.

5x optical zoom lens nimbly gets you closer to your subject

The CG65 incorporates a high performance 5x optical zoom lens with a maximum aperture of F3.5, allowing distant subjects and people to be captured in beautiful quality. Coupled with the camera's 12x digital zoom, users can capitalize on a maximum 60x zooming.

Real-time interpolation for conversion to 10M recording

An original algorithm utilizing a pixel interpolation filter converts images collected by the 6M into a recording equivalent of 10M (3680 x 2760). Prints as large as A3 can be made, or specific parts of the image can be enlarged for detailed printing.

Take or view images in an instant with the CG65's responsive standby mode

Images can be captured immediately after opening the LCD monitor, so you should never miss photo opportunities again. Digital recording eliminates any winding associated with tapes, making it possible to take or view images in an instant whenever you want.

Smooth playback for streaming output to TV

Using motion detection technology developed by SANYO, images recorded at 30 fps can be converted to intermediate images for output to TV at 60 fps. This minimizes the jerky lag that tends to occur with extended horizontal or vertical panning, keeping images played back on TV smooth.

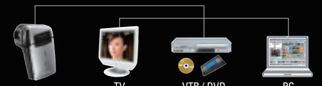
Easy image playback and editing using the camera itself

Using the 9-Image Display Function feature, users can quickly search for specific images. And the Slideshow feature enables images to be played back continuously, while Art Mode can be used to add a little fun to image playback. Moreover, movies can be easily edited using the camera itself. Another great feature is the time bar, which serves as a visual tool to make it easier to splice multiple scenes together or cut unwanted images from clips. It also helps to effectively use SD memory card capacity and can be used to extract still frames from movies.

Pasting

Cutting

Easy playback and recording using the included cable



•Battery charges over the USB connection.

USB storage support and easy-to-use PC movie editing kit included

•Ulead PhotoExplorer 8.5 SE Basic (MPEG-4)
•Ulead DVD MovieFactory 5.0 SE Basic (MPEG-4)
•QuickTime 7 + iTunes 7
•Xacti Screen Capture 1.1

Great fun printing the pictures you take

•PictBridge support for printing without a PC
•Sharp prints that bring out the performance of a digital camera